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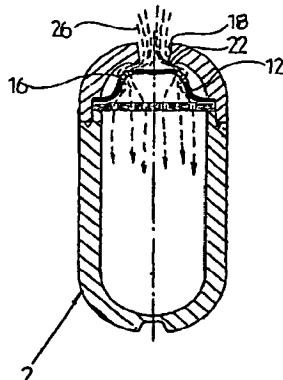
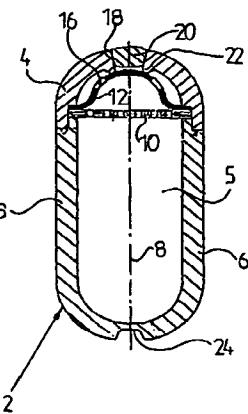
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(54) Title: SAMPLING DEVICE AND METHOD FOR OBTAINING SAMPLES OF INTERNAL BODY SUBSTANCES AND METHOD FOR PRODUCING A SAMPLING DEVICE



(57) Abstract: The present invention relates to a sampling device and a method for obtaining samples of internal body substances in the digestive system of humans or animals. The sampling device has the shape of a swallowable capsule (2), which allows a sample of the body substance (26) to enter the capsule through an inlet opening (18). The inlet opening (18) is opening in a predetermined position of the digestive tract following contact with the body substance to be collected. The capsule (2) comprises an inner chamber disposed to preserve a substantial negative pressure when the inlet opening (18) is sealed. When the inlet opening (18) has been opened, a blocking member (12) admits flow of body substance into an inner chamber as long as there is a pressure difference between the inner chamber (5) and the external environment of the capsule (2).

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